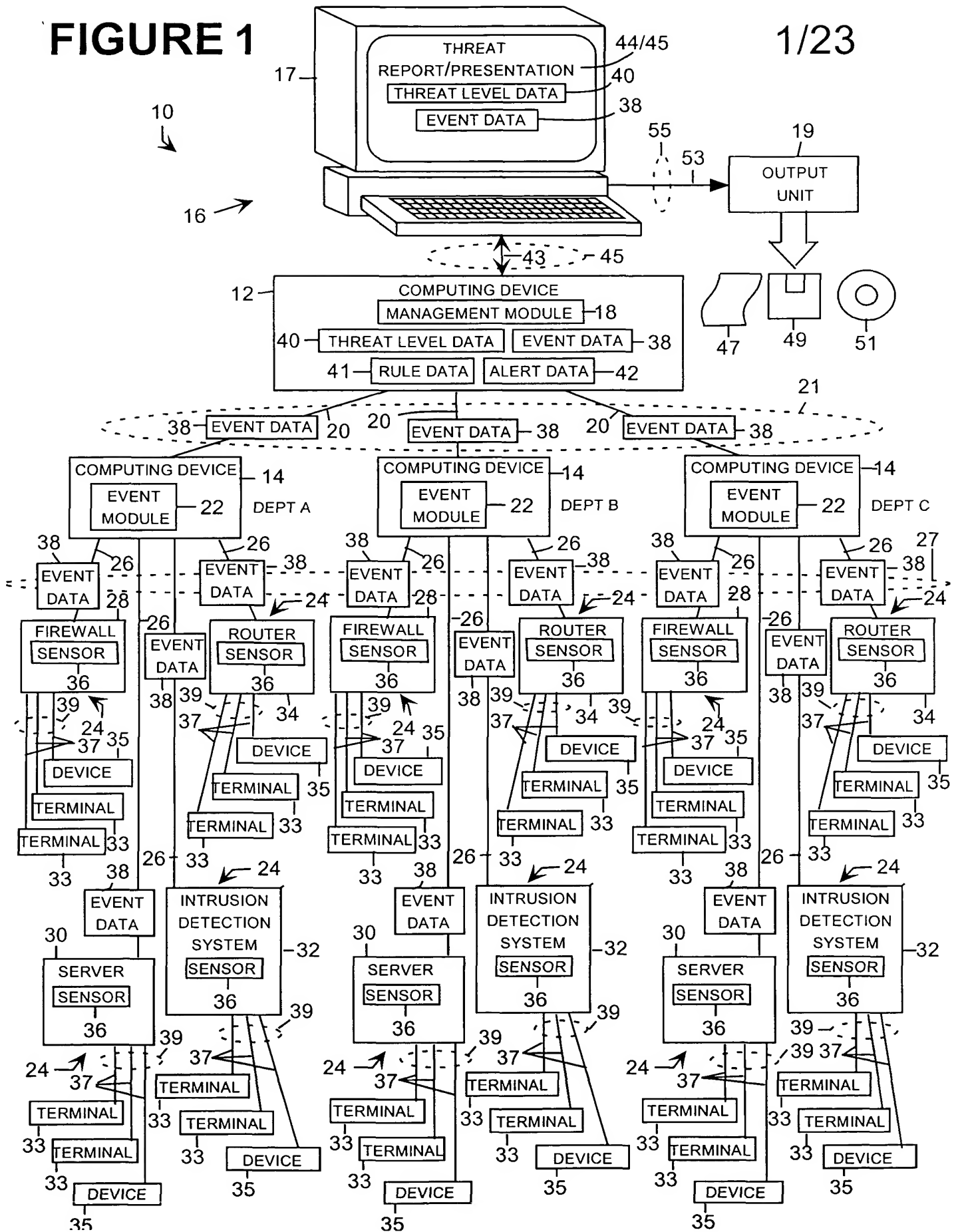


# FIGURE 1

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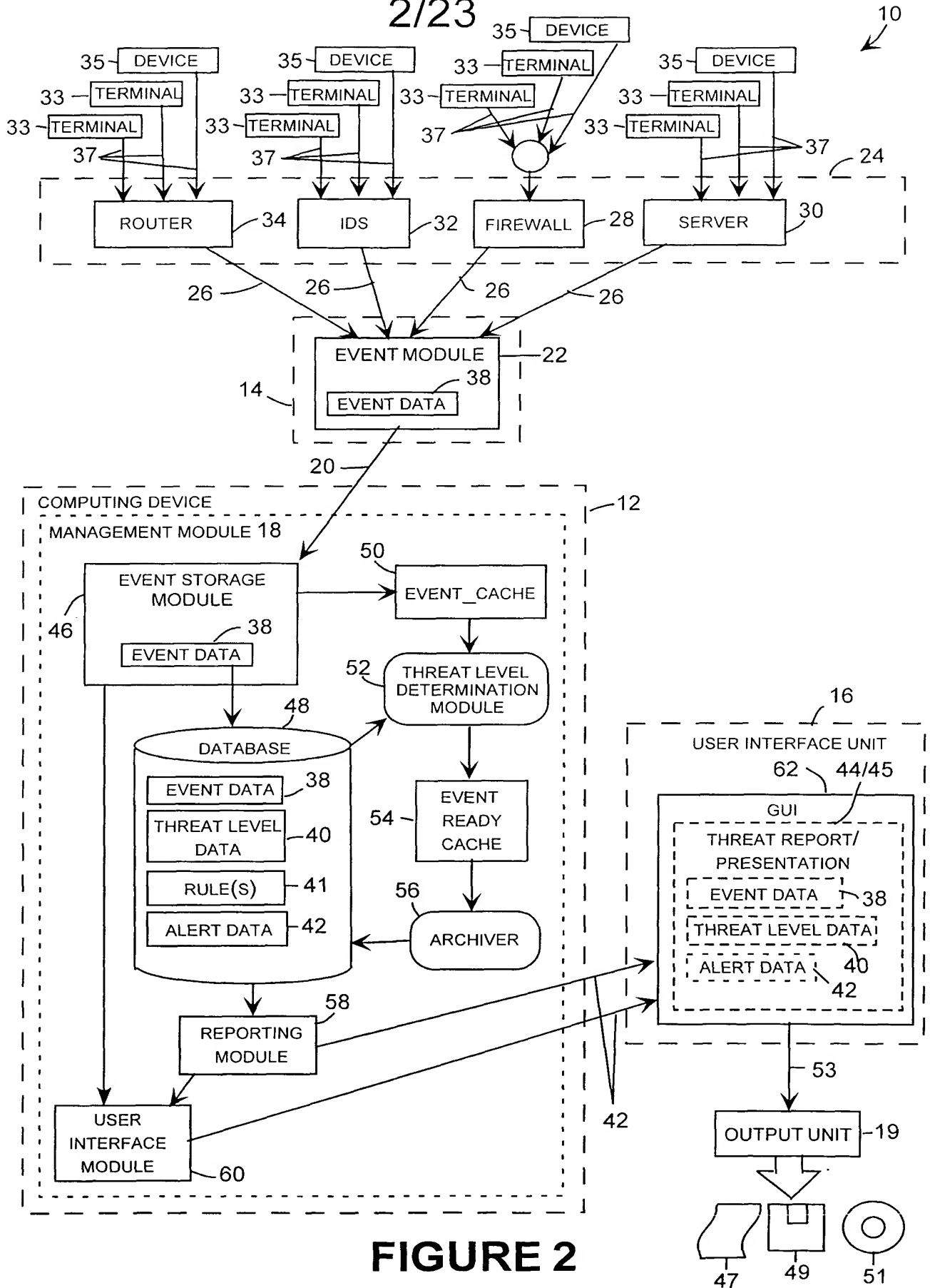


FIGURE 2

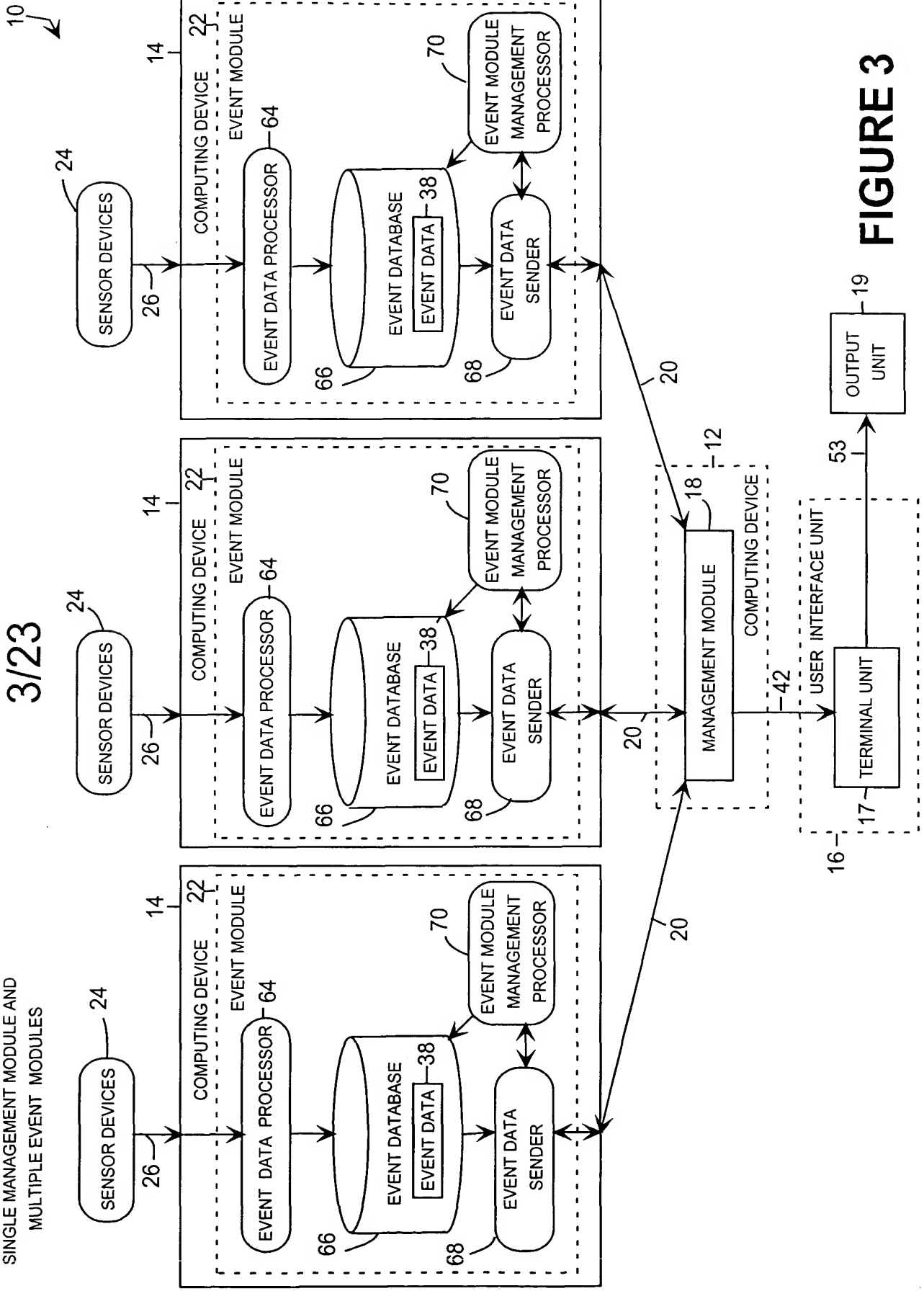


FIGURE 3

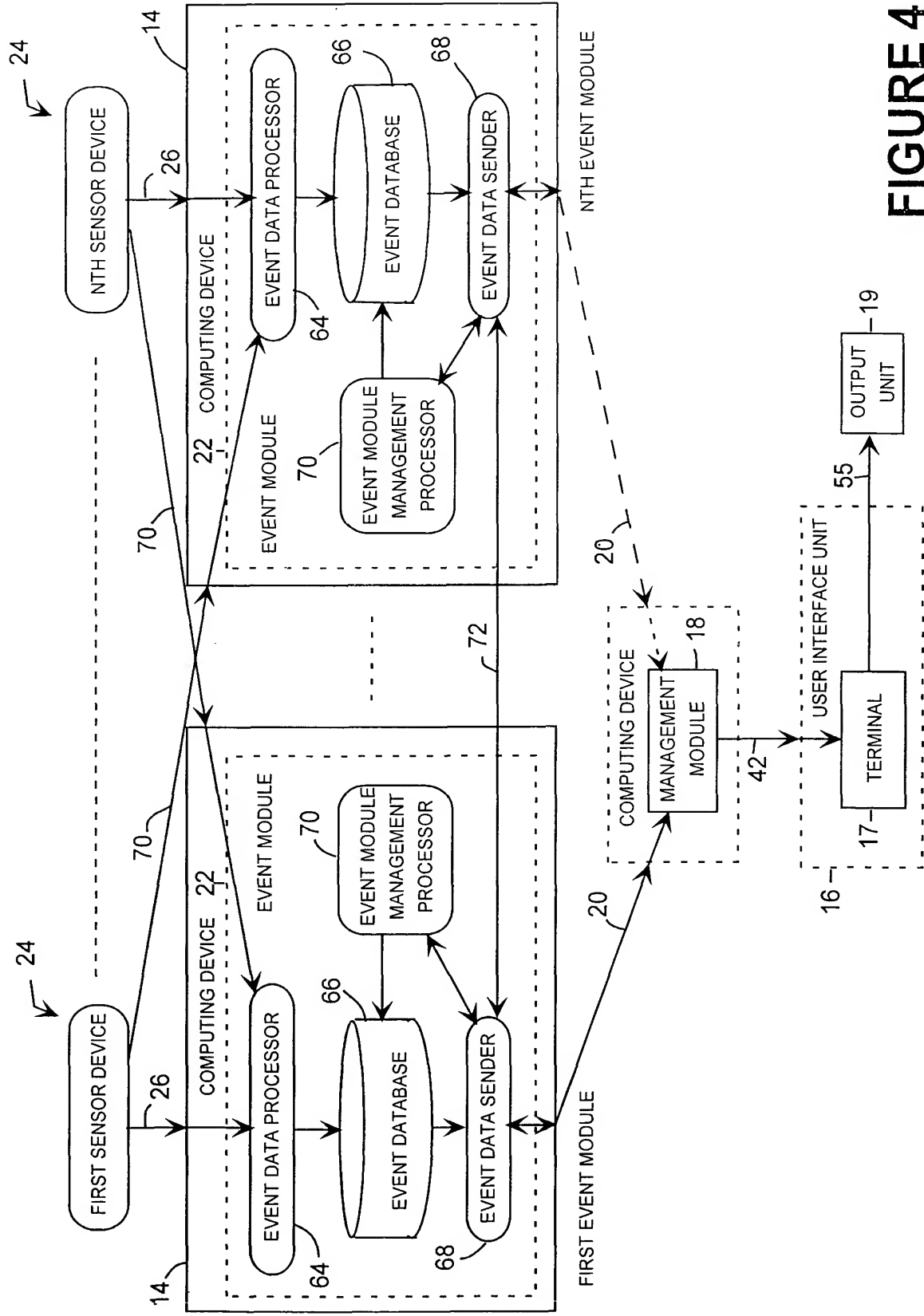
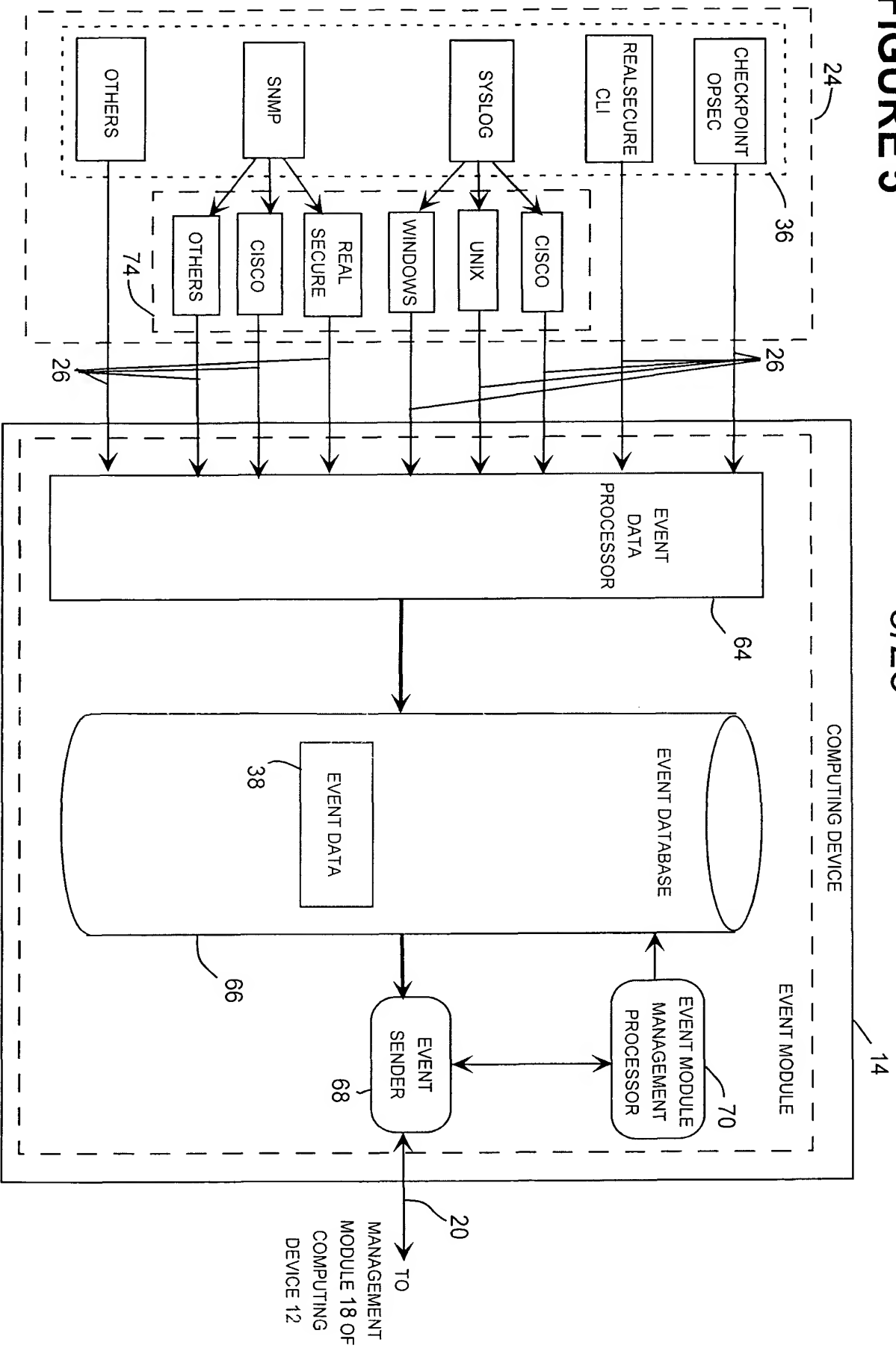
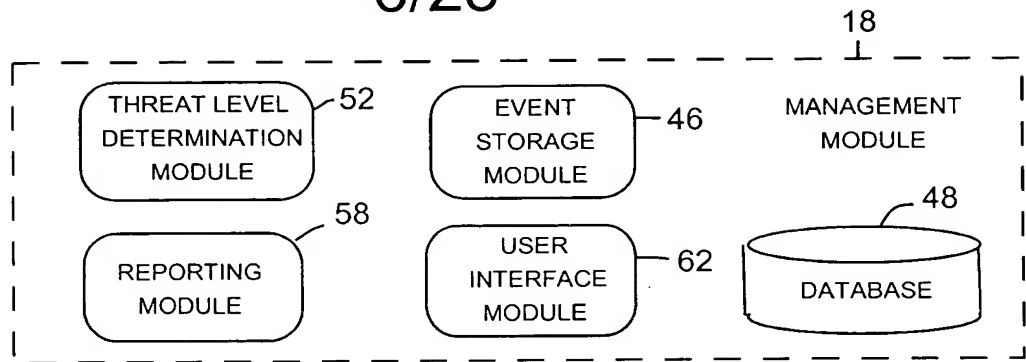
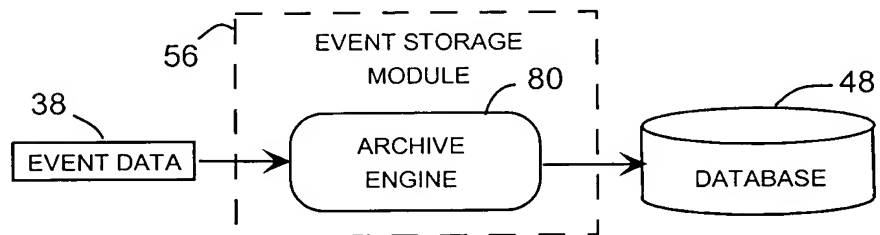
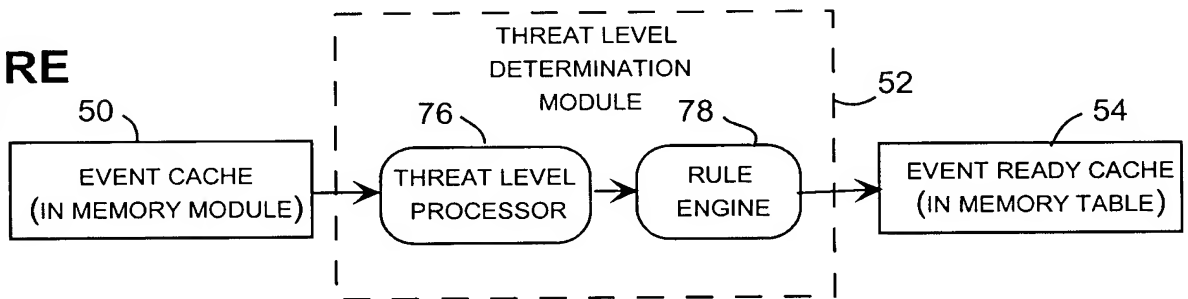
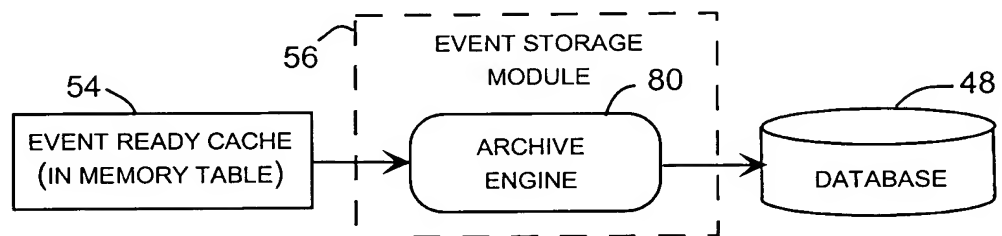


FIGURE 4

# FIGURE 5

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**FIGURE  
6****FIGURE  
7****FIGURE  
8****FIGURE  
9**

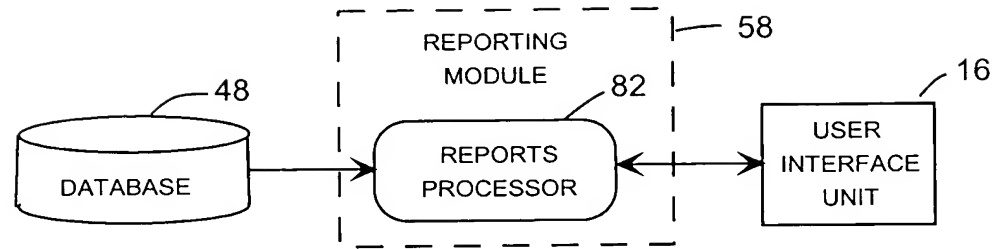
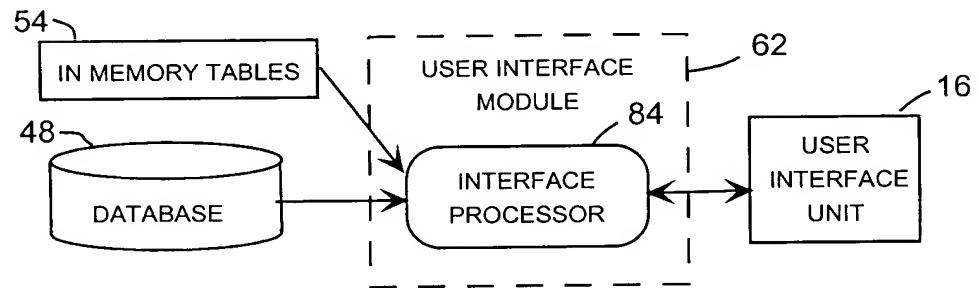
**FIGURE  
10****FIGURE  
11**

FIGURE 12

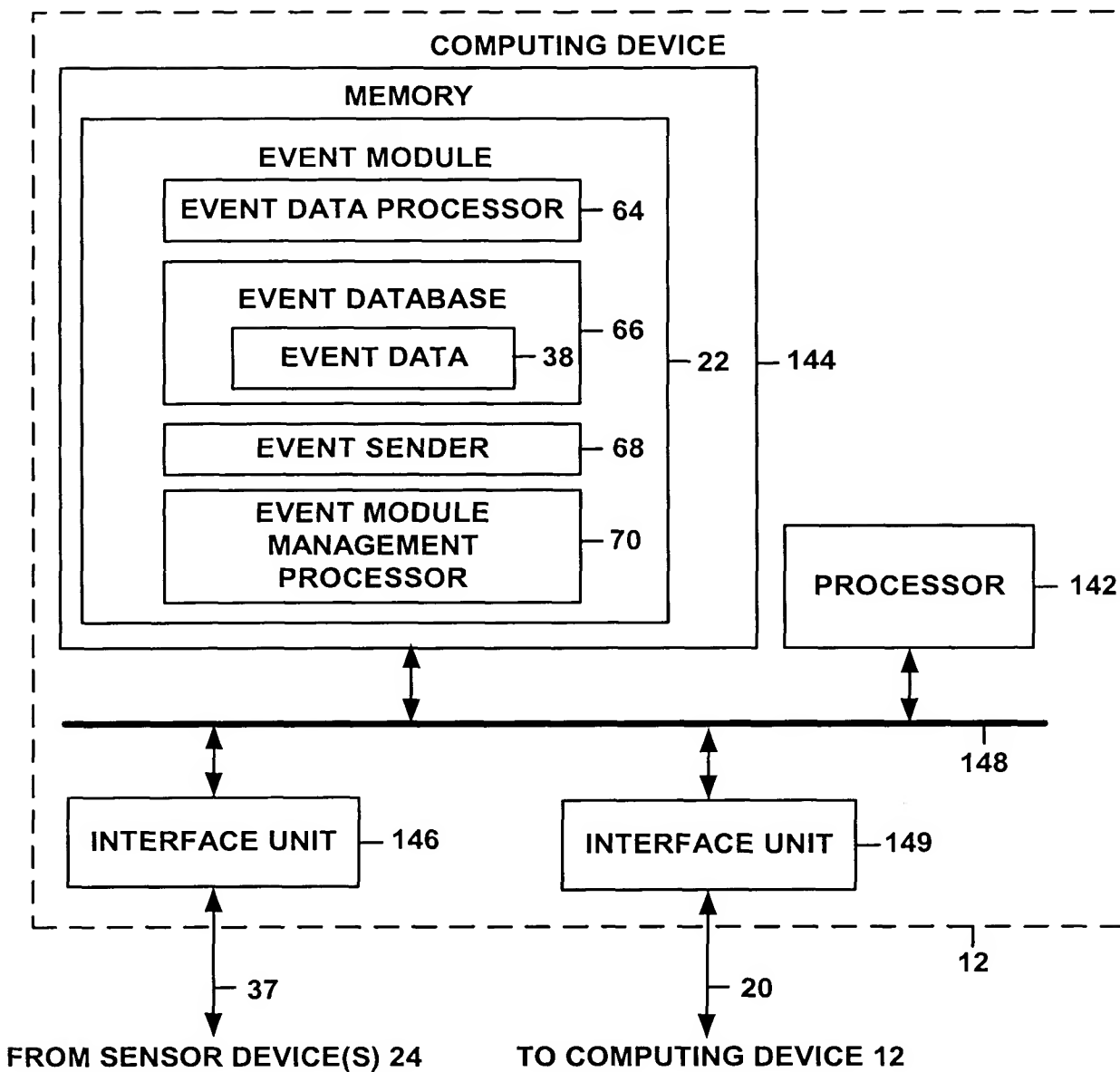




FIGURE 13



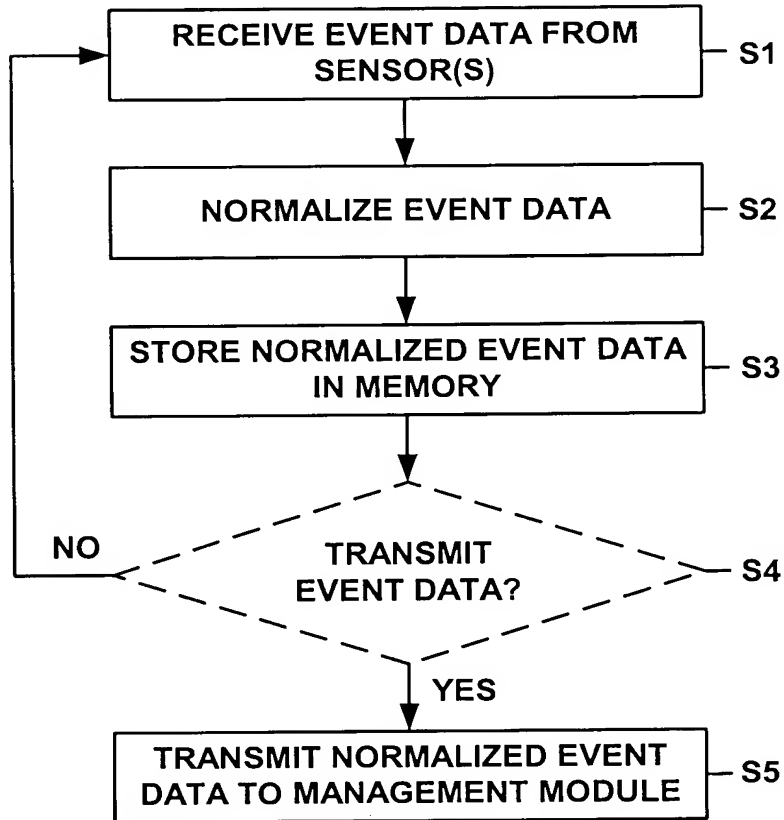
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**FIGURE 14**



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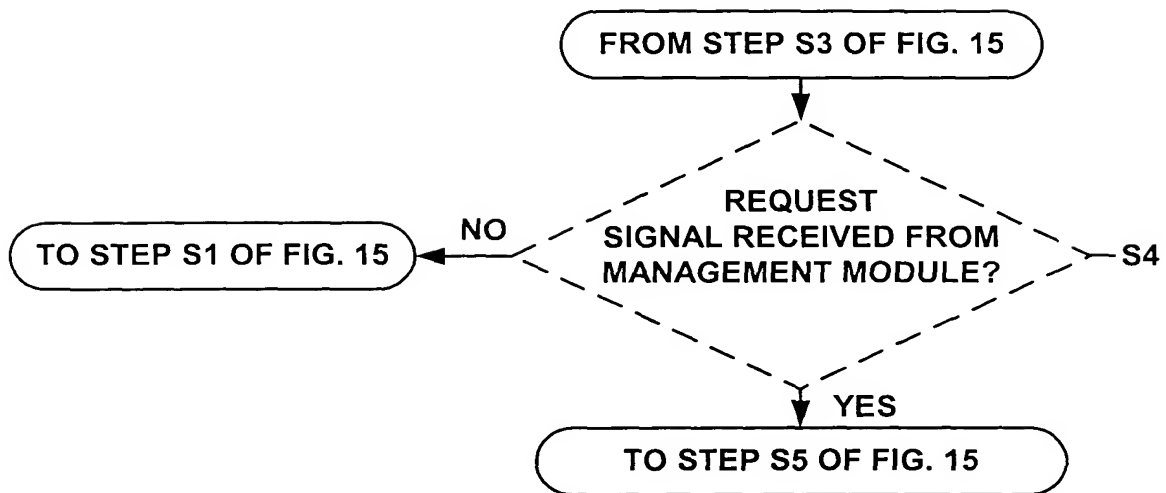
## FIGURE 15

PROCESSING OF EVENT DATA BY EVENT MODULE

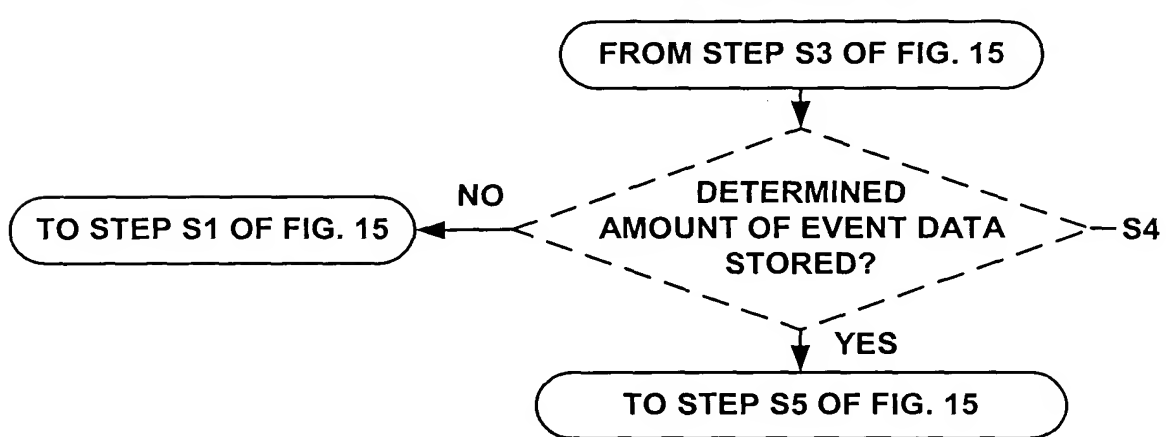


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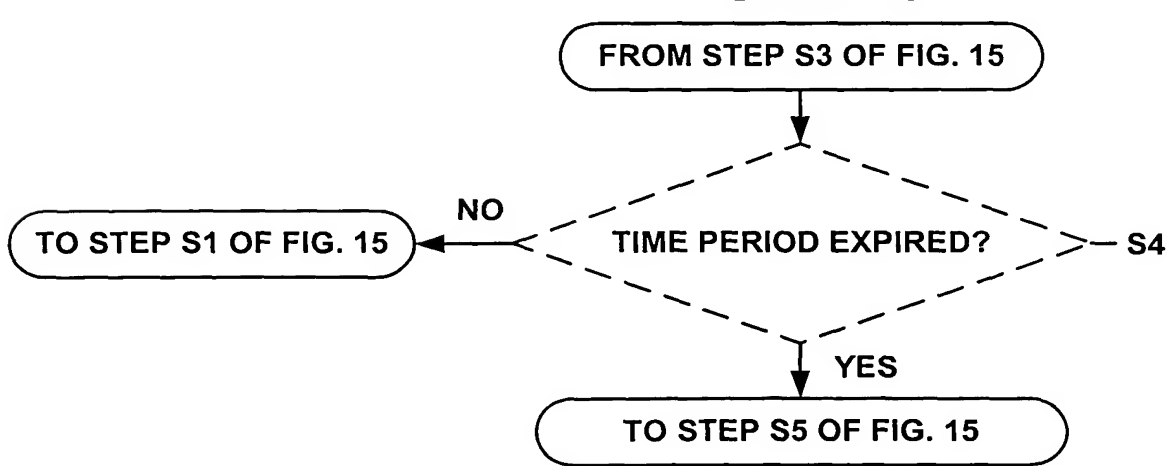
**FIGURE 16**



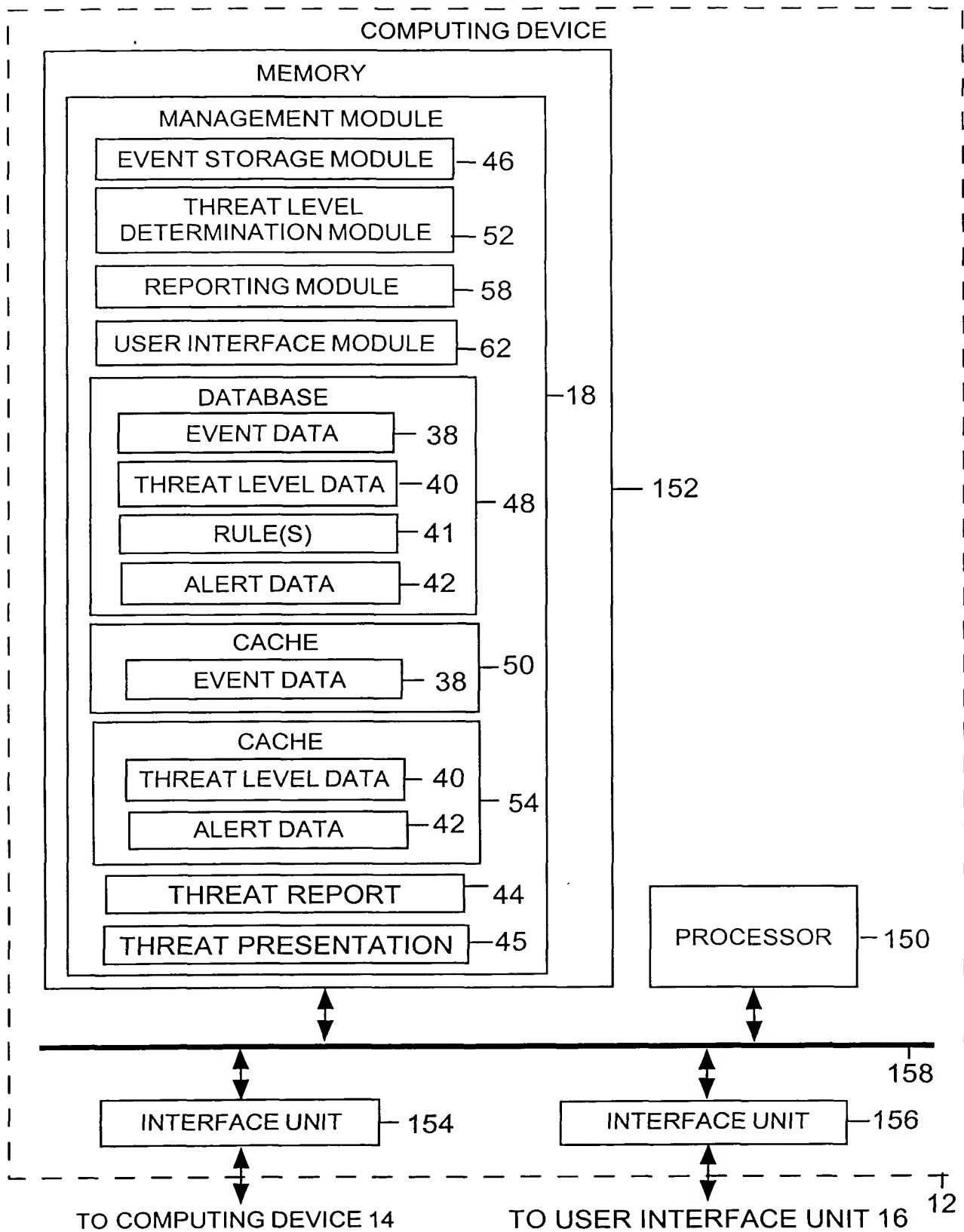
**FIGURE 17**



**FIGURE 18**

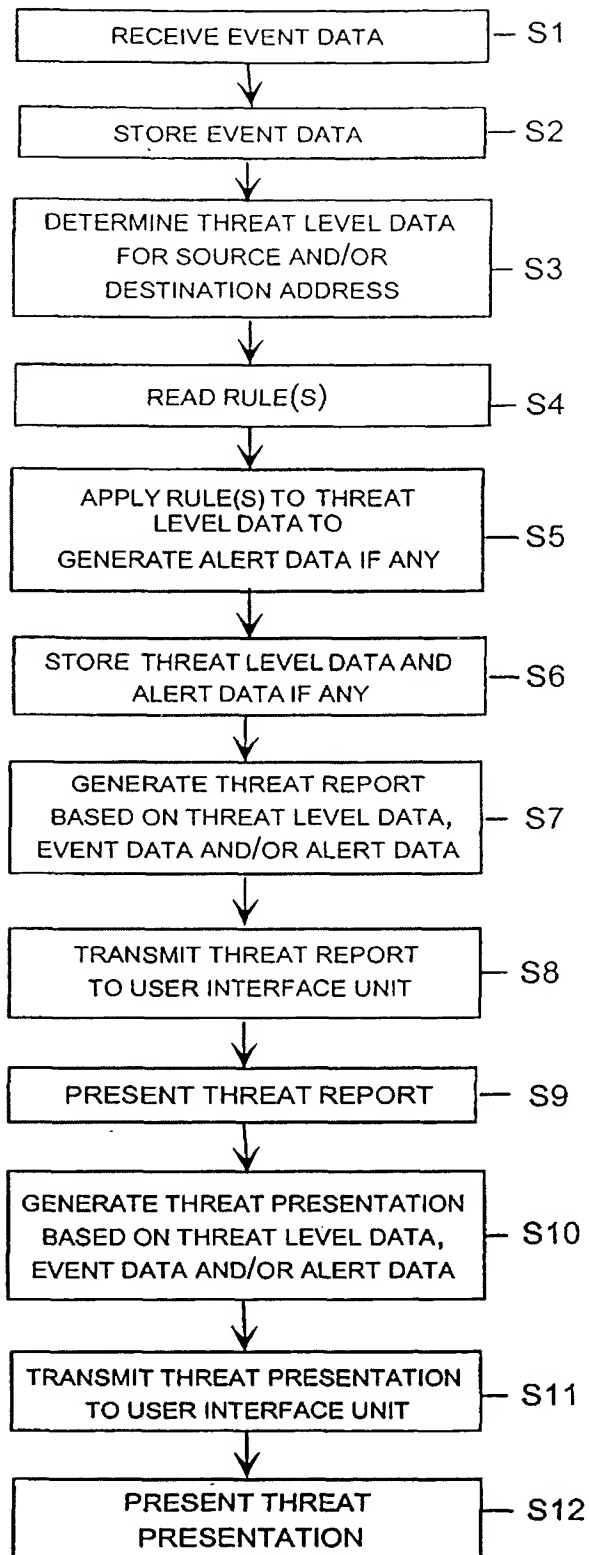


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**FIGURE 19**



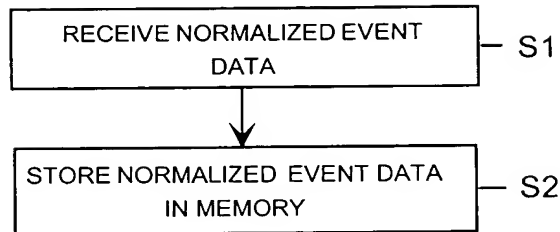
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## FIGURE 20

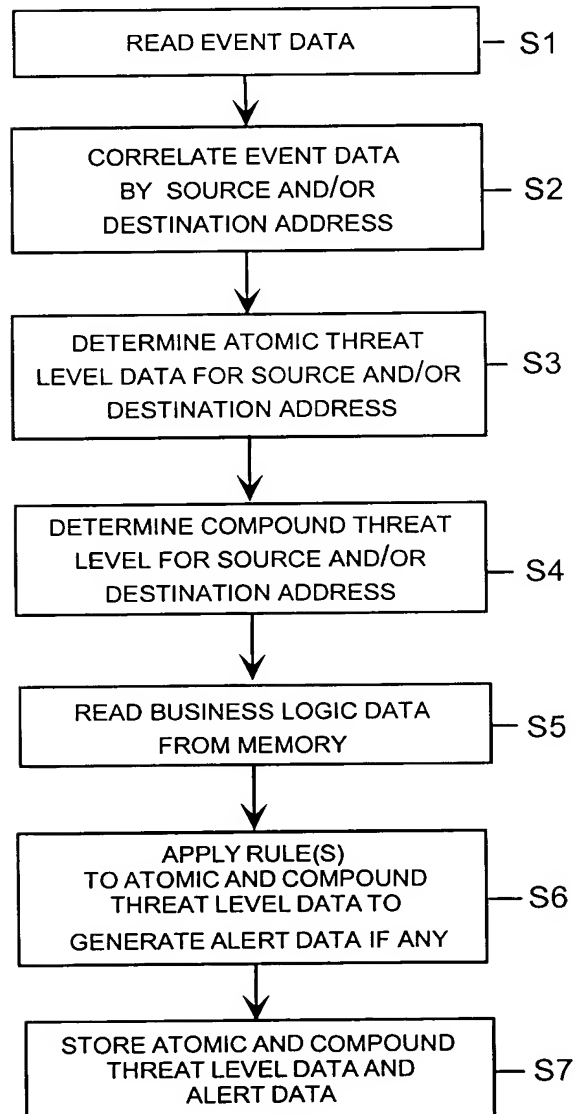


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## FIGURE 21



## FIGURE 22



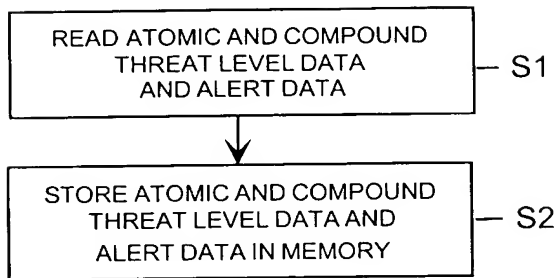
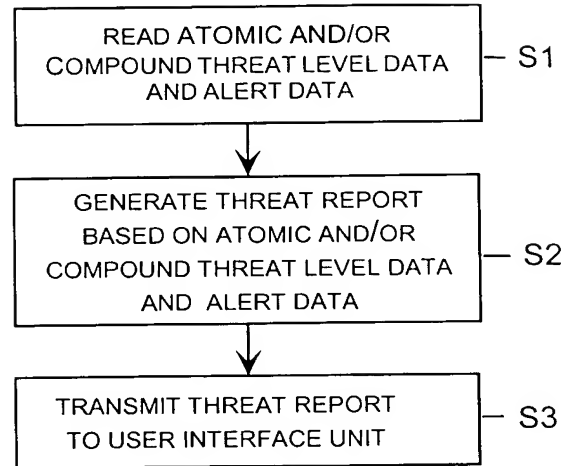
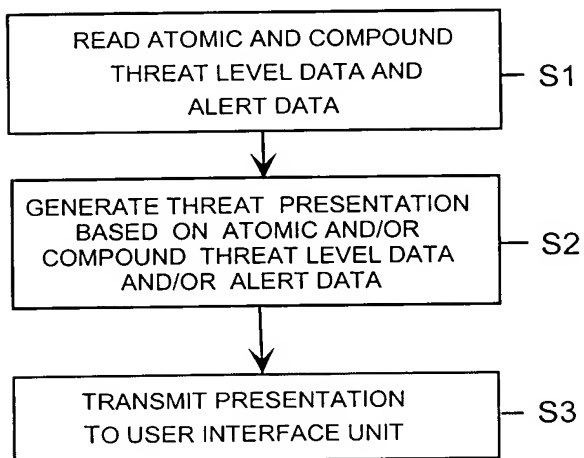
**FIGURE 23****FIGURE 24****FIGURE 25**



FIGURE 26

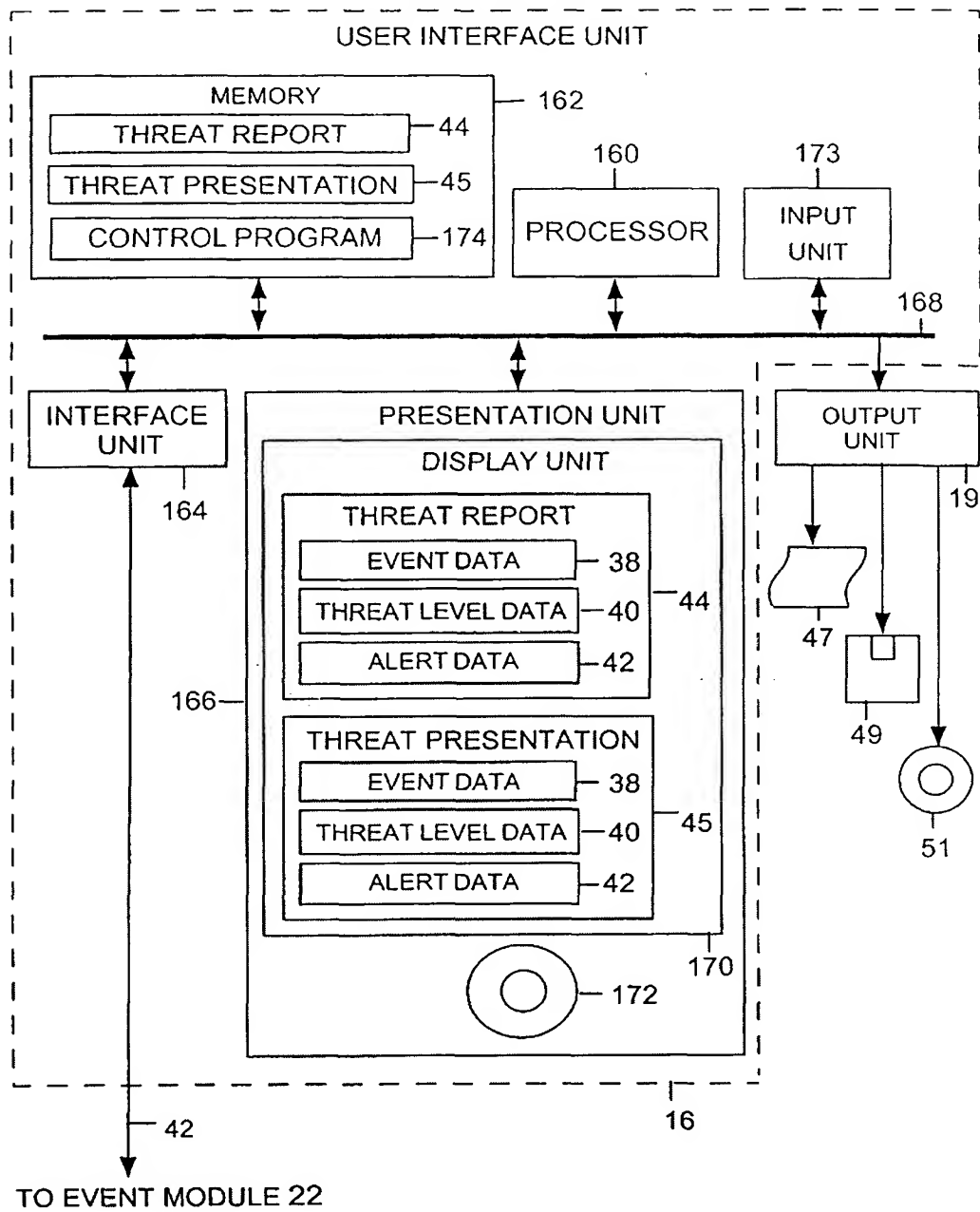
[illegible]

SRCTHREAT	DSTTHREAT	TYPE	INFO
80000...	80000...	reject	i/f_dir="inbound" i/f_mName="c..."
•	•	•	•
•	•	•	•
•	•	•	•

子

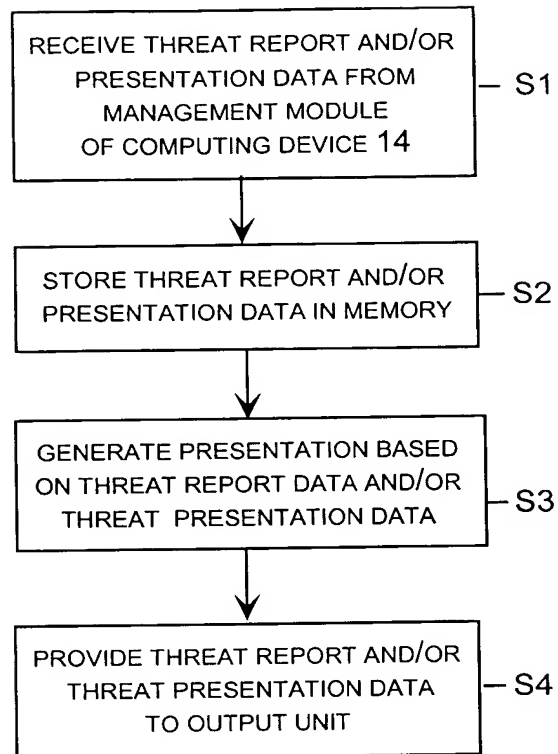
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**FIGURE 27**



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## FIGURE 28



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FIGURE 29

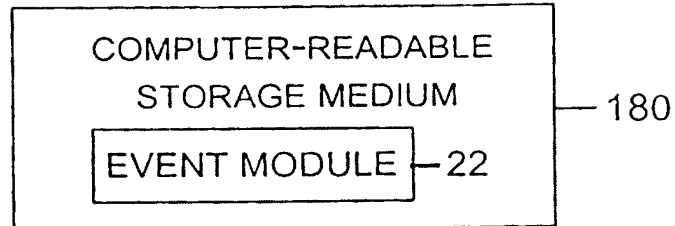


FIGURE 30

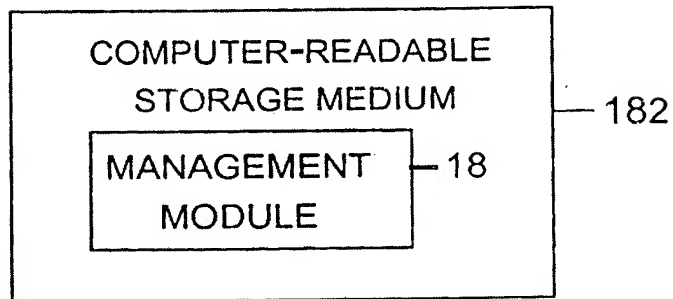
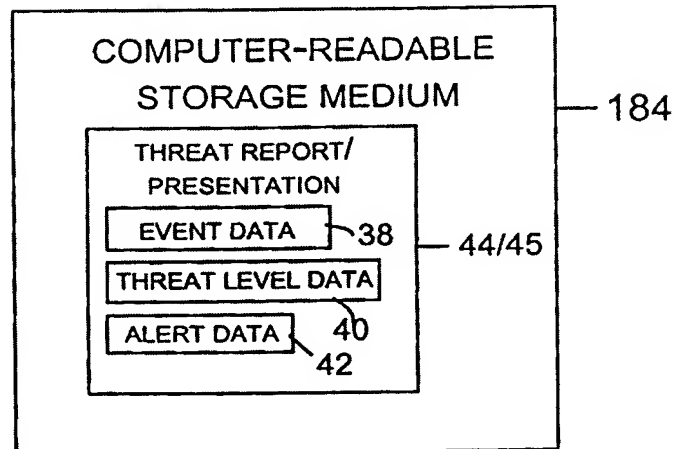
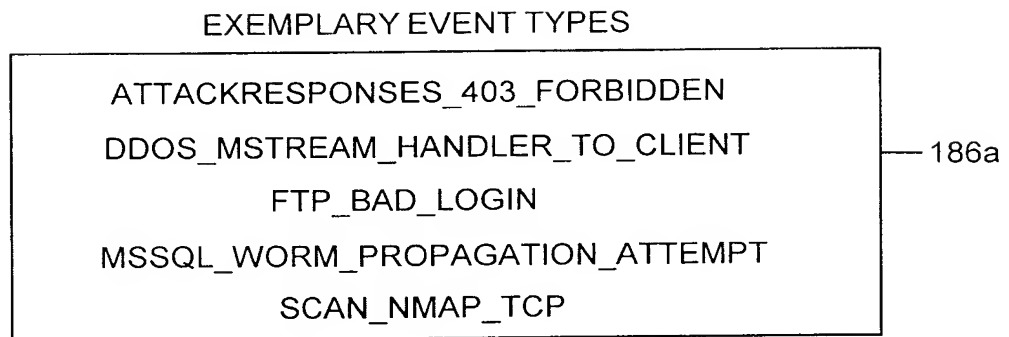


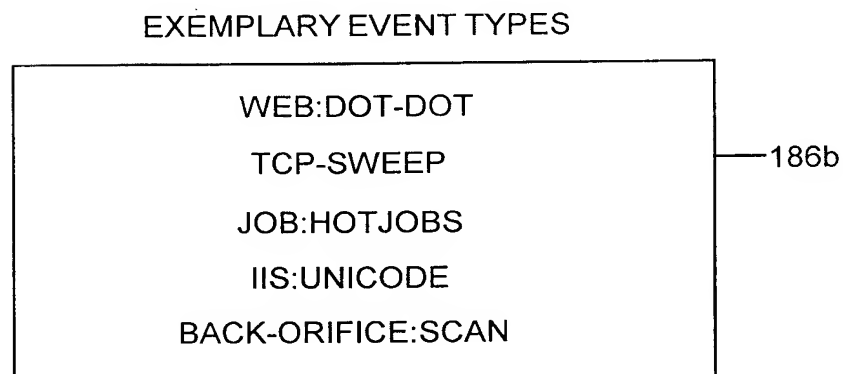
FIGURE 31



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**FIGURE 32A**



**FIGURE 32B**

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## CALCULATIONS

190 THREAT  
 $T(H) = TW[H] * NB - TW[NB[H]]$

192 SOURCE THREAT  
 $ST(e) = T(e.src)$

194 DESTINATION THREAT  
 $DT(e) = T(e.dst)$

196 VULNERABILITY  
 $DT(e) = T(e.dst)$

198 EVENT VALIDITY  
 $EV(e) = VALIDITY[e.src][e.type]$

200 EVENT SEVERITY  
 $ES(e) = PRIORITY[e]$

202 ATOMIC THREAT LEVEL  
 $AT(e) = EV(e) * V(e) * ST(e) * ES(e)$

204 HOST THREAT LEVEL  

$$\delta(e, H, t) = \begin{cases} 1 & \text{if } (e.src = H \text{ or } e.dst = H) \\ 0 & \text{otherwise} \end{cases}$$

$$HT(H, t) = \frac{\sum_{i=1}^N AT(e_i) * \delta(e_i, H, t)}{\sum_{i=1}^N \delta(e_i, H, t)}$$

206 DIFFERENTIAL THREAT LEVEL  

$$DTL(H, T_1, T_2) = \frac{HT(H, T_1)}{HT(H, T_2)} * \frac{T_2}{T_1} \quad \text{WHERE } 0 < T_1 < T_2$$

**FIGURE 33**

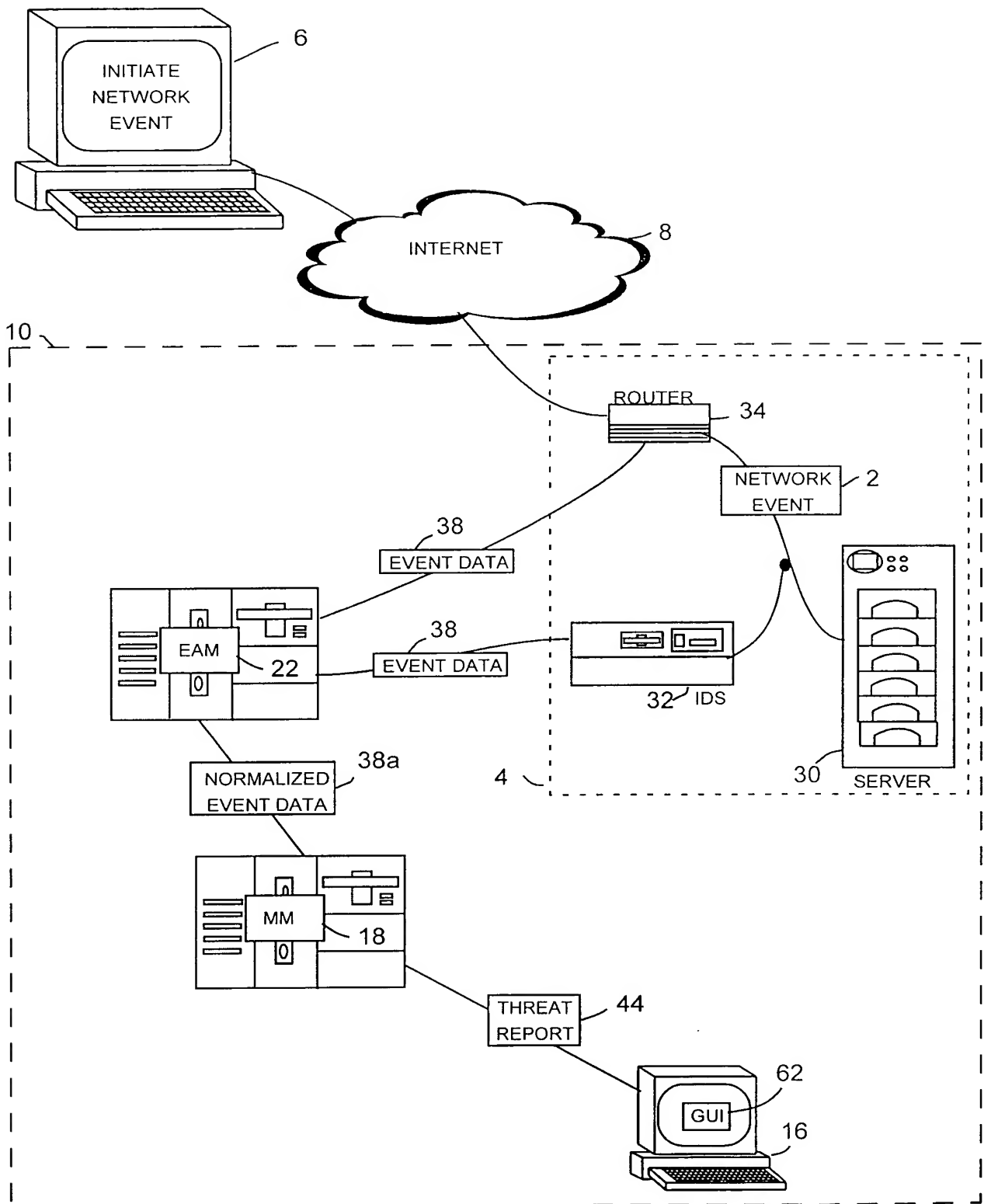


FIGURE 34